* MoU has been signed by Delhi Transco Ltd. (DTL) with NTPC to augment the capacity by 980 MW (2X490MW) in Badarpur Thermal Power Station with scheduled commissioning in June, 2010.

* Power Purchase Agreement has been signed by DTL with Tehri Hydro Development Corporation (THDC) for power from Tehri Pump Storage Plant (4 X 250 MW) and Koteshwar Power Plant (400 MW) with share of about 600 MW and 40 MW respectively.

* Delhi Government has envisaged to set-up gas-based plant of the capacity of 350 MW Pragati PH-II, 1050 MW at Bawana and replacement of 750 MW I.P. power Plant during 2009-10 to 2011-12.

* Setting up of a 1500 MW power plant at Jhajjar in Haryana with Delhi's share being 750 MW and expansion Dadri Thermal Power Station (2 X 490 MW) is under consideration and are expected to be commissioned in 2010-11 and 2011-12.

* DTL has signed PPA with DVC to get 100 MW by Dec., 2006 which would be increased to 2500 MW by 2012.

* DTL has made bilateral arrangements with states of Eastern Region for getting 44 MW-435 MW during ensuing winter months.

* DTL has made agreements with Rajasthan, Haryana and Madhya Pradesh to get about 367 MW to 400 MW during morning peak hours of winter months in lieu of giving off-peak power to the tune of 600 MW to these states during the period Nov., 06 to March, 2007.

Status of Power Projects

499. SHRI DWIJENDRA NATH SHARMAH: Will the Minister of POWER be pleased to state:

(a) the details of power projects in the country particularly in the State of Assam which have been completed during the last three years;

(b) the details of new power projects likely to be completed during 2006-07; and

(c) the details of new power projects of the country to be taken up during the current year?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) No thermal or hydro power project was completed in the State of Assam during the last three years. The details of thermal & hydro power projects completed in the country during the last three years are at Statement-I & II respectively. (*See* below).

(b) The details of new thermal & hydro power projects completed/likely to be completed during the year 2006-07 are at Statement-II I & IV respectively. (*See* below).

(c) The details of new thermal and hydro power projects already taken-up during the year 2006-07 and those planned for commencement during the year 2006-07 are at Annexure-V.

Statement-I

Thermal Power Projects completed during the year 2003-04, 2004-05 & 2005-06

2003-04

Sl. No.	Name of the Project/ Unit No.		State/Implementing Agency	Capacity (MW)	Actual date of commissioning
1	2		3	4	5
A.	**Central sector**				
1.	Talcher STPP St. II	U-4	Orissa/ NTPC	500	25.10-03
2.	Neyveli FST Extn.	U-2	Tamil Nadu/NLC	210	22.07.03
			Sub Total:	710	
B.	**State Sector**				
1.	Suratgarh TPP St.II St. III	U-5	Rajasthan/ RRVUNL	250	30.06.03
2.	Kota TPP St. IV	U-6	Rajasthan/ RRVUNL	195	30.07.03
3.	Dhuvaran CCPP	GT	Gujarat/	67.85	04.06.03
		ST	M/s GSECL	38.767	22.09.03
4.	Kuttalam CCPP	GT	Tamil Nadu/	63	26.11.03
		ST	TNEB	37	24.03.04
			Sub Total:	**651.60**	
			Total (A+B) :	**1361.60**	
2004-05					
A.	**Central Sector**				
1.	Ramagundam STPS St-III	U-7	Andhra Pradesh/NTPC	500	31.08.04

1	2		3	4	5
2.	Talcher STPP St-II	U-5	Orissa/	500	13.05.04
		U-6	NTPC	500	06.02.05
3.	Mejia TPS Extn.	U-4	West Bengal/DVC	210	12.10.04
4.	Rihand STPS-II	U-3	Uttar Pradesh./NTPC	500	31.01.05
			Sub Total:	**2210**	
B.	**State Sector**				
1.	TDL (Panipat) TPS	U-7	Haryana/	250	28.09.04
		U-8	HPGCL	250	28.01.05
2.	Bairabi DGPP	DG 1-4	Mizoram/ Power & Elecy. Deptt.	22.92	07.05.04
3.	Akrimota TPP	U-1	Gujarat/GMDCL	125	31.03.05
4.	Rangat Bay DGPP	DG-1,2	A & N Islands/	2.4	05.02.05
		DG-3,4	A & N Admn.	3.6	22.02.05
			Sub Total:	**653.92**	
C.	**Private Sector**				
1.	Karuppur CCPP	GT	Tamil Nadu/ Aban Power Co. Ltd.	70	19.02.05
			Sub Total:	**70**	
			TOTAL (a+b+c):	**2933.92**	
2005-06					
A.	**Central Sector**				
1.	Rihand STPS-II	U-4	Uttar Pradesh/ NTPC	500	24.09.05
			Sub Total (A)	**500**	
B.	**State Sector**				
1.	Akrimota Lignite based	TPP U-2	Gujarat/ GMDCL	125	19.12.05
2.	Dhuvaaran CCPP Extn.	GT.	Gujarat/ GSECL	72	17.03.06
3.	Rokhia GT Extn.	GT-8	Govt of Tripura	21	31.03.06
4.	Parichha TPS Extn.	UP/ U-3	UPRVUNL.	210	29.03.06
		Sub Total (B)	**428**		
C.	**Private Sector**				
1.	Valantharvi GTPP	GT	Tamil Nadu/ Arkay Energy	38.0	29.10.05
2.	Karuppur CCPP	ST	Tamil Nadu/ Aban Power Co. Ltd.	49.8	15.07.05

1	2		3	4	5
3.	Jegrupadu CCPP Extn.		AP/	140	08.10.05
	GT	ST.	GVK Industries	80	11.11.05.
4.	Vemagiri CCPP		AP/Vemagiri Power	233	13.01.06
		GT		Gen. Ltd.	
5.	Jojobera TPP		Jharkhand/	120	23.09.05
		U-1	Tata Power		
			Sub Total (C)	**660.8**	
			GRAND TOTAL (A+B+C)	**1588.8**	

Statement-II

Details of Hydro Electric Projects completed during the last three years

Sl. No.	Name of the Project/State/ Executing Agency	Unit No.	Capacity (MW)	Actual Commissioning Date
1	2	3	4	5
	Units Commissioned during 2003-04			
	Central Sector			
1.	**Chamera Stage-II**	1	100	02.11.2003
	Himachal Pradesh/NHPC	2	100	01.01.2004
		3	100	31.03.2004
2.	**Nathpa Jhakhri**	6	250	23.11.2003
	Himachal Pradesh/SJVNL	5	250	20.09.2003
		4	250	22.01.2004
		3	250	13.02.2004
		2	250	09.03.2004
		1	250	31.03.2004
3.	**Kopili St. II**			
	Assam/NEEPCO	1	25	31.12.2003
4.	**Indira Sagar**	1	125	01.01.2004
	M.P./NHDC (JV NHPC)	2	125	18.01.2004
		3	125	27.02.2004
		4	125	28.03.2004
	State Sector			
5.	**Srisailam LBPH**			
	A.P/APGENCO	6	150	04.09.2003
6.	**Almatti Dam**			
	Karnataka/KPCL	1	15	26.03.2004
	Private Sector			
7.	**Baspa H.E. Project**			
	Himachal Pradesh/JPHPL	3	100	27.05.2003
		Sub-Total		**2590MW**

1	2	3	4	5
	Units Commissioned during 2004-05			
	Central Sector			
1.	**Indira Sagar**	5	125	23.07.2004
	M.P./NHDC (JV NHPC)	6	125	29.12.2004
		7	125	27.10.2004
		8	125	23.03.2005
	State Sector			
2.	**Sardar Saroval**	1	50	04.10.2004
	Gujrat/SSNL	4	50	03.09.2004
	CHPH	5	50	15.12.2004
	RBPH	1	200	01.02.2005
3.	**Almatti Dam**	2	55	04.11.2004
	Kamataka./KPCL	3	55	13.01.2005
		4	55	26.03.2005
		Sub-Total		**1015MW**
	Units Commissioned during 2005-06			
	Central Sector			
1.	**Dhauliganga-I**	4	70	26.07.2005
	Uttaranchal (NHPC)	3	70	28.07.2005
		2	70	01.09.2005
		1	70	17.10.2005
	State Sector			
2.	**Sardar Saroval** Gujrat/SSNL	2	200	30.04.2005
	CHPH	3	200	30.08.2005
		4	200	13.10.2005
	RBPH	5	200	07.03.2006
3.	**Almatti Dam**	5	55	06.07.2005
	Kamataka/KPCL	6	55	10.08.2005
4.	**Pykara Ultimate**	1	50	11.08.2005
	TN/TNEB	2	50	11.08.2005
		3	50	05.09.2005
		Sub-Total		**1340MW**

Statement-III

Thermal Power Projects completed/likely to be completed during the year 2006-07

Sl. No.	Name of the Project/ Unit No.	State/Implementing Agency	Capacity (MW)	Date of commissioing Actual/As now Expected
1	2	3	4	5
A.	**Central Sector**			
1.	Unchahar TPS-III U-5	UP/NTPC	210	28.09.06 (A)

1	2		3	4	5
2.	Vindhyachal TPS-III	U-9	MP/NTPC	500	27.07.06(A)
		U-10		500	01/07
3.	Sipat STPS-II	U-4	Chhattisgarh/NTPC	500	02/07
		U-5		500	03/07
4.	Kahalgaon STPS-II (Ph-I)		Bihar/NTPC		
		U-5		500	02/07
		U-6		500	03/07
5.	Kahalgaon STPS-II (Ph-II)		Bihar/NTPC		
		U-7		500	03/07
6.	Chandrapura TPP EXTN.		Jharkhand/		
		U-7	DVC	250	06/07*
		U-8		250	08/07*
7.	Mejia TPS	U-5	WB/DVC	250	02/07
		U-6		250	03/07
			Sub Total (A)	**4710**	
B.	**State-Sector**				
1.	Guru Har Gobind TPS-II		Punjab/PSEB		
		U-1		250	02/07
		U-2		250	03/07
2.	Giral TPP	U-1	Rajasthan/RRVUNL	125	02/07
3.	Dholpur CCPP (Ph-I)	GT-1	Rajasthan/RRVUNL	110	02/07
		GT-2		110	03/07
		ST		110	08/07*
4.	Parichha TPS Extn.	U-4	UP/UPRVUNL	210	11/06
5.	Korba East TPP St-V	U-1	Chhattisgarh/CSEB	250	02/07
		U-2		250	03/07
6.	Dhuvaran CCPP Extn.	ST	Gujarat/GSECL	40	11/06
7.	Kutch Lignite Extn	U-4	Gujarat/GSECL	75	02/07
8.	Birsingpur TPS Extn.	St-III	MP/MPPGCL	500	01/07
		U-5			
9.	Amarkantak TPS Extn.	U-5	MP/MPPGCL	210	06/07*
10.	New Parli TPS	U-1	Mah./MSPGCL	250	11/06
11.	Paras TPS Expn.	U-1	Mah./MSPGCL	250	01/07
12.	Rayalaseema TPS-II	U-3	AP/	210	12/06
		U-4	APGENCO	210	02/07
13.	Bellary TPP	U-1	Karnataka/KPCL	500	01/07
14.	Santaldih TPP	U-5	WB/WBPDCL	250	03/07
15.	Sagardighi TPP	U-1	WB/WBPDCL	300	03/07
		U-2		300	06/07
16.	Bakreshwar TPS-II	U-4	WB/WBPDCL	210	03/07
17.	Durgapur TPS Extn	U-7	WB/Durgapur Proj.	300	02/07
18.	Dimapur DGPP	DG-1 to 4	Nagaland/Govt. of Nagaland	22.92	Uncertain
			Sub Total (B)	**5292.92**	

1	2	3	4	5
C.	**Private Sector**			
1.	OP Jindal STPP Ph. I	U-1 Chhattisgarh./Jindal Power	250	03/07
2.	Sugen CCPP	Block-1Gujarat/Torrent Power Gen. Ltd	365	03/07
3.	Ratnagiri CCPP	Block-1 Mah./Ratnagiri Gas & PP Ltd.	1444	-
	(Dabhol)	Block-2		03/07
4.	Gautami CCPP	GT-1 AP/Gautami Power Ltd.	145	11/06
		GT-2	145	11/06
		ST	174	02/07
5.	Konaseema CCPP	GT-1 AP/Konaseema EPS	140	10/06
		GT-2	140	10/06
		ST	165	12/06
6.	Vemagiri CCPP	ST AP/Vemagiri Power Gen. Ltd	137	08.06.06 (A)
7.	Valantharvi GTPP	ST Tamil Nadu/ Arkay Energy	14.8	15.04.06(A)
		Sub Total (C)	**3119.8**	
	GRAND TOTAL (A+B+C)		**13122.72**	

*Slipping to 2007-08

Statement-IV

Hydro Electric Power Projects already completed/likely to be completed during 2006-07

Sl. No.	Name of Project/Capacity (MW) Executing agency	State/ Org.	Likely date of commissioning
1	2	3	4
1.	**Dulhasti** 3x130=390 NHPC	J&K	Unit # 1 : Dec.-2006 Unit # 2 : Jan.-2007 Unit # 3 : Feb.-2007
2.	**Tehri St-4x250=1000** THDC	Uttranchal.	Unit # 4 : **17.07.06 (A)** Unit # 3 : **25.10.06 (A)** Unit # 2 : Dec, 2006 Unit # 1 : Jan, 2007
3.	**Larji** 3x42=126 HPSEB	H.P.	Unit # 3 : **03.09.06 (A)** Unit # 2 : **24.09.06 (A)** Unit # 1 : Dec. 2006
4.	**Maneri Bhali-II** 4x76=304 U.J.V.N.L.	Uttranchal	Unit # 1 : Dec-2006 Unit # 2 : Jan-2007 Unit # 3 : Feb-2007 Unit # 4 : Mar-2007

1	2	3	4
5.	**Ghatghar Pump Storage** 2x125=250 WRD	Maharastra	Unit # 1 : Mar. 2007 Unit # 2 : Mar. 2007
6.	**Priydarshni Jurala Project** 6x39=234 APGENCO	A.P.	Unit # 1 : Mar. 2007
7.	**Purulia Pump Storage** 2x225=550 WBSEB	W.B.	Unit # 1 : Mar-07
8.	**Balimela Extn. H.E. Project** 2x75=150 OHPC	Orissa	Unit # 1 : Feb. 2007 Unit # 2 : Mar. 2007
9.	**Karbi Langpi H.E. Project** 2x50=100 ASEB	Assam	Unit # 1 : Dec. 2006 Unit # 2 : Feb-2007
10.	**Bhawani Barrage-1** 2x15=30 TNEB	Tamil Nadu	Unit # 1 : 01.08.06 (A) Unit # 2 : 22.09.06(A)
11.	**Sardar Sarovar** RBPH-5x50=250 CHPH -6x200=1200 SSSNL	Gujarat	Unit # 6 : 20.06.06(A)
12.	**Madhikheda H.E. Project** 2x20=40 MPGCL	M.P.	Unit # 1 : 28.08.06(A) Unit # 2 : 09.09.06(A)
13.	**Bansagar Tons PH-IV** 2x10=20 MPGCL	M.P.	Unit # 1 : 20.08.06(A) Unit # 2 : 30.08.06(A)
14.	**Vishnu Prayag H.E. Project** 4x100=400 JPVL	Uttaranchal	Unit # 1 : 03.06.06(A) Unit # 2 : 23.06.06(A) Unit # 3 : 16.08.06(A) Unit # 4 : 30.09.06(A)

Statement-V

Details of Thermal Power Projects

(A) New Thermal Power Projects already taken up during the year 2006-07

Project Name, Sector & State	Impl. Agency	Unit No	Cap. (MW)	Anticipated Comm. date	LOA date
1	2	3	4	5	6
Central Sector					
Bihar					
Barh STPP	NTPC	3x660 MW	**1980**	Mar-2009	03/2005

1	2	3	4	5	6
Chhattisgarh					
Bhilai TPP Ph-I	NTPC	2x250 MW	500	Jul-2007	03/2005
Korba STPP		1x500 MW	500	Feb-2010	03/2006
Sipat-I		3x660 MW	1980	Oct-2007	04/2004
Rajasthan					
Barsingsar Lignite	NLC	2x125 MW	250	Jun-2008	12/2005
TN					
Neyveli TPS-II Exp.	NLC	2x250 MW	500	Oct-2008	08/2005
UP					
National Capital Power Project St-II	NTPC	1x490	490	Aug-2009	07/2006
WB					
Farakka STPS st II	NTPC	1x500 MW	500	Nov-2009	10/2006
State Sector					
AP					
Kakatiya TPP	APGENCO	1x500 MW	500	Nov-2008	08/2005
Vijayawada TPP-IV		1x500 MW	500	Aug-2008	08/2005
Assam					
Lakwa Waste Heat Unit	APGCL	1x38 MW (ST)	37.2	Apr-2008	03/2006
Gujarat					
Surat Lignite TPP Extn.	GIPCL	2x125 MW	250	Nov-2008	03/2006
Haryana					
Yamuna Nagar TPP	HPGCL	2x300 MW	600	Oct-2007	09/2004
Karnataka					
Bellary TPP St-II	KPCL	1x500	500	Aug-2009	08/2006
Raichur U-8		1x210 MW	250	Mar-2009	09/2006
Maharashtra					
Paras TPS Extn.	MSEB	1x250 MW	250	Mar-2009	08/2006
Parli Extn. St-II		1x250 MW	250	Mar-2009	0
Rajasthan					
Chhabra TPS	RRVUNL	2x250 MW	500	Sep-2008	03/2006
Giral Lignite-II		1x125 MW	125	Sep-2008	11/2005
Kota TPP		1x195 MW	195	Dec-2008	06/2006
Suratgarh TPP		1x250	250	Dec-2008	06/2006
TN					
Valuthur CCPP Extn.	TNEB	GT+ST	92.2	Dec-2007	05/2006
UP					
Harduaganj Ext	UPRVUNL	2X250 MW	500	Aug-2009	06/2006
Parichha Extn		2X250 MW	500	Jun-2009	06/2006

1	2	3	4	5	6
Private Sector					
Chhattisgarh					
Pathdi TPS Ph-1	Lanco	2X300 MW Amarkantak Power Pvt. Ltd.	600	Sep-2008	07/2005
Karnataka					
Toranagallu TPP	Jindal Tractabel Power Co.	2X300 MW	600	Jul-2009	06/2006
Maharastra					
Trombay Extn	Tata Power Company	1X250 MW	250	Jan-2009	7/2006
WB					
Budge-Budge III	CESC	1X250 MW	250	Oct-2009	9/2006

(B) NEW THERMAL POWER PROJECTS BEING TAKEN UP DURING THE YEAR 2006-07

Sl. No.	Name of Project/Capacity (MW) Agency state	Benefits (MW)	Commissioning Schedule
1	2	3	4
	Central Sector		
1.	Bokaro Replacement 1X500 DVC Jharkhand	500	2009-10
2.	Mejia Extn. 1000 DVC (West Bengal)	1000	2009-10
3.	Dadri Extn Unit-6 490 NTPC (UP)	490	2009-10
4.	Maithon RBC 2X500 JV with M/s Tata (Jharkhand)	1000	U-1 (2009-10) U-2 (2010-11)
	State Sector		
1.	Krishnapatnam TPS 2X800 APGENCO (AP)	800	U-1 (2011-12)
2.	Kothagudam St. V 1X500 APGENCO (AP)	500	2009-10
3.	Hissar TPS-I 2X250 HPGCL, Haryana	500	U-1 (2009-10) U-2 (2010-11)
4.	Hissar TPS-II 1X500 HPGCL, Haryana	500	2011-12

1	2	3	4
5.	Kobra West Extn. 2X300 CSEB (Chattisgarh)	600	Unit 1& 2-2009-10
6.	Khaperkheda Extn. 1X500 MAHA GENCO (Maharashtra)	500	2009-10
7.	Bhusawal Extn. 2 x 500 MAHA GENCO (Maharashtra)	1000	Unit 1 & 2-2010-11
	Private Sector		
1.	Anpara C 2 x 500 U.P.	1000	U-1-2010-11 U-2-2011-12

(C) Hydroelectric Power Projects likely to be taken up during 2006-07

Sl. No.	Name of Scheme	State	Agency	Capacity (MW)	Year of Commn'g
1	Rampur	HP	SJVNL	412	2011-12
2	Sawara Kuddu	HP	PVC	110	2010-11
3	Karcham Wangtoo	HP	JPKHCL	1000	2011-12
4	Budhil	HP	LANCO	70	2008-09
5	Sorang	HP	SORANG PC	100	2011-12
6	Tidong-I	HP	PCP	100	2010-11
7	Tangnu Romai	HP	PCP	50	2010-11
8	Lambadug	HP	PS	25	2010-11
9	Nimboo Bazgo	J&K	NHPC	45	2010-11
10	Chutak	J&K	NHPC	44	2010-11
11	Kotlibhel-St IA	UTTAR' L	NHPC	195	2011-12
12	Kotlibhel-St. IB	UTTAR'L	NHPC	320	2011-12
13	Kotlibhel-St. II	UTTAR'L	NHPC	530	2011-12
14	Kotlibhel-St. II	UTTAR'L	NHPC	530	2011-12
15	Lohari Nagpala	UTTAR'L	NHPC	600	2011-12
16	Tapovan Vishnugad	UTTAR'L	NHPC	520	2011-12
17	Lata Tapovan	UTTAR'L	NHPC	171	2011-12
18	Srinagar	UTTAR'L	GVK IND	330	2011-12
19	UBDC-III	PUN.	Malana Power Co.	75	2009-10
20	Lower Jurala	AP	APGENCO	240	2011-12
21	Adirapally	KERALA	KSEB	163	2010-11
22	Mankulam	KERALA	KSEB	40	2010-11
23	Pallivasal	KERALA	KSEB	60	2010-11
24	Thottiar	KERALA	KSEB	40	2010-11
25	Teesta III	SIKKIM	Athena Projects	1200	2011-12
26	Teesta III	SIKKIM	Athena Projects	1200	2011-12
27	Chujachen	SIKKIM	GATI	99	2009-10
28	Bhasmey	SIKKIM	GATI	51	2010-11
29	Sada Mander	SIKKIM	GATI	71	2009-10
30	New Umtru	MEGH.	MeSEB	40	2010-11